

Serial No. 10/805,666

Final Office Action dated October 26, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (currently amended) A feedforward amplifier comprising:
a main amplifier gain path including a first group delay adjuster having a virtual inductor; and
an error amplifier gain path including a second group delay adjuster having a virtual inductor having an output coupled to an output of the main amplifier gain path,
wherein each of the virtual inductors includes a quarter wavelength transmission line coupled to a variable shunt capacitor.
2. (original) The feed forward amplifier of claim 1, in which the main amplifier gain path comprises the first group delay adjuster having a virtual inductor having an output coupled to an input of a first phase and gain adjuster and a first phase and gain adjuster output coupled to an input of a main amplifier.
3. (previously presented) The feed forward amplifier of claim 1, in which the error amplifier gain path comprises the second group delay adjuster having a virtual inductor having an output coupled to an input of a second phase and gain adjuster and a second phase and gain adjuster output coupled to an input of an error amplifier.